

Claims

1. A process for generating service function modules for a signalling server which can provide signalling functions for the control of communications via a communications network, particularly of multimedia communications via a packet switching data network, characterized by the steps of:
- making available procedure modules for capturing, processing, and forming signalling messages of a communications network by means of a configuration server;
  - displaying the procedure modules in the form of symbols via a user interface on the configuration server;
  - capturing a user-defined selection and arrangement of the symbols of the procedure modules on the user interface;
  - combining the procedure modules by means of the configuration server to form a service function module in a manner defined by the selection and arrangement of the respective symbols of the procedure modules on the user interface; and
  - making available the service function module by the configuration server for the signalling server.
2. A process according to Claim 1, characterized in that the service function module is loaded into the signalling server.
3. A process according to Claim 1, characterized in that an interface module for inputting parameter data for the service function module is generated by the configuration server.
4. A process according to Claim 3, characterized in that the interface module for inputting parameter data for

the service function module is loaded into a network management server.

5. A process according to Claim 1, characterized in that  
5 the service function module is executed in the signalling server and that the service function module transmits and receives signalling messages in accordance with ITU-T Recommendation H.323.
- 10 6. A process according to Claim 1, characterized in that the service function module is executed in the signalling server and that the service function module transmits and receives SIP signalling messages.
- 15 7. A process according to Claim 1, characterized in that the service function module is executed in the signalling server and that the service function module transmits and receives MGCP signalling messages.
- 20 8. A configuration server for generating service function modules for a signalling server which can provide signalling functions for the control of communications via a communications network, particularly of multimedia communications via a packet switching data  
25 network, **characterized in**
  - that the configuration server comprises first provision means designed to enable the configuration server to make available procedure modules for capturing, processing, and forming  
30 signalling messages of a communications network,
  - that the configuration server comprises a user interface designed to enable the configuration server to display the procedure modules in the form of symbols,
  - 35 - that the configuration server comprises capture means designed to enable the configuration server to capture a user-defined selection and arrangement

of the symbols of the procedure modules on the user interface,

- that the configuration server comprises combining means designed to enable the configuration server to combine the procedure modules into a service function module in a manner defined by the selection and arrangement of the respective symbols of the procedure modules on the user interface, and
- that the configuration server comprises second provision means designed to enable the configuration server to make available the service function module for the signalling server.

9. A signalling server for generating service function modules with which the signalling server can provide signalling functions for the control of communications via a communications network, particularly of multimedia communications via a packet switching data network, characterized in

- that the signalling server comprises first provision means designed to enable the signalling server to make available procedure modules for capturing, processing, and forming signalling messages of a communications network,
- that the signalling server comprises a user interface designed to enable the signalling server to display the procedure modules in the form of symbols,
- that the signalling server comprises capture means designed to enable the signalling server to capture a user-defined selection and arrangement of the symbols of the procedure modules on the user interface,
- that the signalling server comprises combining means designed to enable the signalling server to combine the procedure modules into a service function module in a manner defined by the

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10. A computer program for generating service function modules with which a signalling server can provide signalling functions for the control of communications via a communications network, particularly of multimedia communications via a packet switching data network, characterized in that the computer program contains a code with which the steps of the process according to Claim 1 can be executed when the computer program is run on a computer.
11. A storage medium for generating service function modules with which a signalling server can provide signalling functions for the control of communications via a communications network, particularly of multimedia communications via a packet switching data network, characterized in that the storage medium can be read by a computer and contains a computer program code with which the steps of the process according to Claim 1 can be executed when the computer program is run on a computer.